

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 05098147  
PUBLICATION DATE : 20-04-93

APPLICATION DATE : 04-10-91  
APPLICATION NUMBER : 03257515

APPLICANT : ASAHI CHEM IND CO LTD;

INVENTOR : IBE SADAO;

INT.CL. : C08L 71/12 // (C08L 71/12 , C08L 9:00 , C08L 25:04 , C08L 53:00 )

TITLE : MODIFIED POLYPHENYLENE ETHER-BASED RESIN COMPOSITION

ABSTRACT : PURPOSE: To provide the title composition excellent in molding processability, impact resistance and thermal stability, suitable for e.g. large-size molding, comprising each specific modified polyphenylene ether-based resin, impact- resistant styrene-based resin, modified block copolymer resin and styrenebased resin at specified proportion.

CONSTITUTION: The objective composition comprising (A) 10-90 pts.wt. of a polyphenylene ether-based resin modified with an unsaturated carboxylic acid like maleic acid or its derivative, (B) 90-10 pts.wt. of an impact-resistant styrene- based resin containing high-cis-conjugated diene rubber  $\geq 50\%$  in 1,4-cis bond and  $\leq 10\%$  in 1,2-vinyl bond, (C) 0-80 pts.wt. of a styrene-based resin, and (D) 0-20 pts.wt. of a modified block copolymer resin made up of (1) styrene-based polymer block modified with an unsaturated carboxylic acid such as maleic acid or its derivative and (2) olefin elastomer block.

COPYRIGHT: (C)1993,JPO&Japio